

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of the claims in the application:

**Listing of Claims:**

1-11. (Cancelled).

12. (Currently amended) An insulation material comprising ~~cojoined layers, the cojoined layers comprising an a porous insulation layer and a coating, the coating comprising, at least two adhesion layers,~~ a metal layer and a polyamide layer comprising crystalized polyamide and an adhesion layer between the metal layer and the polyamide layer, and a second adhesion layer either on the surface of the metal layer or on the surface of the crystalized polyamide layer, the second adhesion layer joining the coating to the insulation layer ~~plastic layer, the plastic layer is crystalized with heating for a time and temperature effective for crystalizing the plastic when the insulation layer and the metal layer are cojoined.~~

13. (Original) The insulation material of claim 12 wherein the metal layer is an aluminum layer.

14-19. (Cancelled)

20. (Currently amended) The insulation material of claim 12 wherein there is an adhesion layer ~~against~~ between the the metal layer and crystalized polyamide layer and there is an adhesion layer ~~against~~ between the crystalized polyamide layer and the porous insulation layer ~~the plastic layer.~~

21. (Currently amended) An insulation material comprising an insulation layer of polyurethane and a coating, the coating comprising an aluminum layer, a metal layer and a polyamide layer, and an adhesion layer between the aluminum layer and the polyamide layer, and a second adhesion layer either on the surface of the aluminum layer or on the surface of the

~~crystallized polyamide layer, the second adhesion layer joining the coating to the insulation layer at least two adhesive layers, the polyamide layer adhesively applied to the metal layer in a form when the polyamide is not substantially crystalline and is glutinous, the metal layer with the not substantially crystalline polyamide being adhesively applied to the insulation layer and heated for a time and temperature effective for crystallizing the polyamide to form the polyamide layer.~~

22-24. (cancel).

25. (currently amended) ~~An~~ The insulation material of claim ~~24~~ 27 wherein the metal layer is aluminum.

26. (cancel).

Please add the following claims.

27. (New) An insulation material comprising a polyurethane insulation layer, a metal layer and a polyamide layer, and at least two adhesive layers, the polyamide layer adhesively applied to the metal layer by extrusion in a form when the polyamide is not substantially crystalline and is glutinous, the metal layer with the not substantially crystalline polyamide being adhesively applied to the insulation layer when the polyamide is a glutinous form and then the polyamide being heated between 120° to 140°C for a time effective for crystallizing the polyamide from its glutinous form to form the polyamide layer.

28. (New) The insulation material of claim 27 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

29. (New) The insulation material of claim 25 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

30. (New) A multi-layered insulation material comprising an insulation layer which includes an expanded plastic selected from the group consisting of expanded polyurethane and

expanded polystyrene, a metal layer and a polyamide layer, and at least two adhesive layers, the polyamide layer adhesively applied to the metal layer in a form when the polyamide layer is not substantially crystalline and is glutinous, the metal layer with the not substantially crystalline polyamide layer being adhesively applied to the insulation layer and heated for a time and temperature effective for crystallizing the glutinous polyamide layer to form the polyamide layer and the multi-layered insulation material.

31. (New) The insulation material of claim 30 wherein the metal layer is aluminum.

32. (New) The insulation material or claim 30 wherein the polyamide layer comprises polyamide which is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

33. (New) The insulation material or claim 32 wherein the polyamide layer comprises polyamide which is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

34. (New) A multi-layered insulation material comprising an insulation layer which includes a fibrous insulation, a metal layer, a crystalized plastic layer, a plastic layer, and at least two adhesive layers, the plastic layer applied to the insulation layer, crystalized plastic layer adhesively affixed to the plastic layer and the metal layer, the crystalized plastic layer adhesively affixed to the metal layer in a form when the crystalized plastic layer is not substantially crystalline and is glutinous, the crystalized plastic layer adjacent the plastic layer, the glutinous plastic layer heated for a time and temperature effective for crystallizing the glutinous plastic to form the crystalized plastic layer and the multi-layered insulation material.

35. (New) The insulation material of claim 34 wherein the metal layer is aluminum.

36. (New) The insulation material or claim 34 wherein the polyamide layer comprises polyamide which is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

37. (New) The insulation material of claim 35 wherein the polyamide layer comprises polyamide which is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

38. (New) A multi-layered insulation material comprising an insulation layer which includes a fibrous insulation, a metal layer, a crystalized polyamide layer, a plastic layer, and at least two adhesive layers, the plastic layer applied to the insulation layer, the crystalized polyamide layer adhesively affixed to the plastic layer and the metal layer, the crystalized polyamide layer adhesively affixed to the metal layer in a form when the polyamide layer is not substantially crystalline and is glutinous, the crystalized polyamide layer adjacent the plastic layer, the glutinous polyamide layer heated for a time and temperature effective for crystallizing the glutinous polyamide to form the crystalized polyamide layer and the multi-layered insulation material.

39. (New) The insulation material of claim 38 wherein the metal layer is aluminum.

40. (New) The insulation material of claim 38 wherein the polyamide layer comprises polyamide which is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

41. (New) The insulation material of claim 39 wherein the polyamide layer comprises polyamide which is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

42. (New) The insulation material of claim 20 wherein at least one of the at least two adhesion layers affixes the metal and plastic layers to the insulation layer.

43. (New) A multilayered insulation material comprising an insulation layer selected from the group consisting of expanded polyurethane, expanded polystyrene and a fiber, a metal layer and a crystalized plastic layer, and at least two adhesive layers, a first adhesive layer affixing

the crystalized plastic layer to the metal layer, a second adhesive layer between the insulation layer and the metal layer or between the insulation layer and the crystalized plastic layer.

44. (New) The insulation material of claim 43 wherein the metal layer is an aluminum layer.

45. (New) The insulation material of claim 43 wherein the crystalized plastic comprises a polyamide.

46. (New) The insulation material of claim 44 wherein the crystalized plastic comprises a polyamide.

47. (New) The insulation material of claim 46 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.